

UNITED STATES PATENT AND TRADEMARK OFFICE  
(Sprint Docket No. 1461)

PATENT

#<sup>RS</sup>  
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5-17-01

IN THE APPLICATION OF:

Anthony Sabatino

Serial No. 09/597,530

Filed: June 20, 2000

Title Aircraft Wireless Communication  
System and Method

Examiner: Antione Royall

Group Art Unit: 2749

Technology Center 2600

MAY 15 2001

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 37 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith.

Per 37 CFR § 1.98, the following is a translation obtained from Burg Translations, Inc. of Chicago, Illinois of the abstract of the non-English reference E.P. 0998062A1 enclosed.

This device permits the usage of conventional wireless telephonic terminals (TL1, TL2, ...) aboard, for example, an airplane. It is comprised of:

- a first sending-receiving station (T2) located on board of the vehicle and relayed to an antenna (AN1) located outside of this vehicle for establishing an external radio connection between this vehicle and a ground-based wireless telephonic network (R1) via a satellite (S);
- and a second sending-receiving station (BSS1) having at least one antenna (AN2) located in the interior of the vehicle, and being relayed to a base station controller (BSC2); this second station and this controller perform functions analogous to these performed by a sub-system radio in a conventional wireless telephonic network.

It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be construed as a representation that a search has been made.

## CITED REFERENCES

### **U.S. Patent Documents**

<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Filing Date If appropriate</u>
6,108,539	8/22/2000	Ray et al.	455/430	10/29/1997
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5,832,380	11/3/1998	Ray et al.	455/431	9/13/1996
5,757,322	5/26/1998	Ray et al.	342/460	4/3/1995
5,559,865	9/24/1996	Klein S. Gilhousen	379/60	7/8/1994
5,557,656	9/17/1996	Ray et al.	379/59	3/6/1992
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5,444,762	8/22/1995	Frey et al.	379/58	3/8/1993
5,408,515	4/18/1995	Bhaget et al.	379/59	4/12/1994
5,278,891	1/11/1994	Bhaget et al.	379/58	9/16/1991

### **Foreign Patent Documents**

<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Filing Date If appropriate</u>
EP 0998062A1	5/3/2000	Rousseau et al.	H04B 7/185	10/25/1999
GB 2310973A	9/10/1997	Armbruster et al.	H04Q 7/38	12/18/1996
WO 94/28684	12/8/1994	Palmgren et al.	H04Q 7/00	5/20/1994
WO 96/02093	1/25/96	Klein S. Gilhousen	H04B 7/185	7/7/1995
WO 96/02094	1/25/96	Klein S. Gilhousen	H04B 7/185	7/7/1995

### **Other Documents**

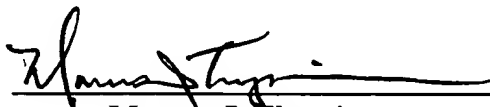
1. Interwave Delivers Wireless Network Technology in Innovative Aircraft Application, 7/26/00, [www.iwv.com/nt/press/BAE72600.html](http://www.iwv.com/nt/press/BAE72600.html) (printed 4/5/01).
2. I.E. Casewell, The Provision of GSM Cellular Radio Environments within Passenger Aircraft Operating over Europe, pages 172-176.
3. Roger McKinlay, Phoning and Flying, IEEE Review, March 1998, pages 85-88.

4. Litenna™ in Off-Air Repeater Application, Foxcom Wireless Application Note, Document No. 14-001-12A, Copyright 1999.
5. RFiber™ – RF Fiberoptic Links for Wireless Applications, Foxcom Wireless Application Book, Document No. 41-14-001-10E, Copyright 1998.
6. Litenna™ In-Building RF Distribution System, Foxcom Wireless White Paper, Document No. 42-14-001-09C, Copyright 1998.

Respectfully submitted,

**McDonnell Boehnen Hulbert & Berghoff**

Date: May 9, 2001

By:   
**Marcus J. Thymian**  
**Registration No. 43,954**



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
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Here the Application of:

Anthony Sabatino

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Filed: June 20, 2000

For: AIRCRAFT WIRELESS COMMUNICATION  
SYSTEM AND METHOD

Group Art Unit: 2749

Examiner: Antione Royall

Commissioner for Patents  
Washington, D.C. 20231

Sir:

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TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached:


- A. Form PTO-1449;
- B. 29 Cited References;
- C. Return Receipt Postcard.

2. With respect to additional fees, no additional fee is required.

3. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.

4. **CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8:** The undersigned also hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this 9th day of May, 2001.

By:

  
Marcus J. Thymian  
Reg. No. 43,954